

METHODS AND APPARATUS FOR FABRICATING COMPONENTS

ABSTRACT OF THE DISCLOSURE

A system for machining a component with complex contour. The machining system includes a coolant flow nozzle with an interior passage with a first portion having a first cross-sectional shape, and a second portion having a second cross-sectional shape, with the second cross-sectional shape selected so that fluid discharged from the nozzle has a selected cross-sectional shape. A method of fabricating a coolant flow nozzle with an interior passage that has a varying cross sectional shape.